



Tangerine Road

I-10 to La Cañada Drive



PUBLIC HEARING

Oro Valley Council Chambers

February 25, 2013





PRESENTATION OUTLINE

1. Project Description
2. Project Update
3. Preliminary Implementation Plan
4. Preliminary Project Schedule
5. Public Participation





PROJECT DESCRIPTION

- **Why improve Tangerine Road?**
 - Roadway closes during flooding
 - Some segments nearing capacity – limited passing opportunities
 - No pedestrian facilities
 - Need to plan ahead for potential growth



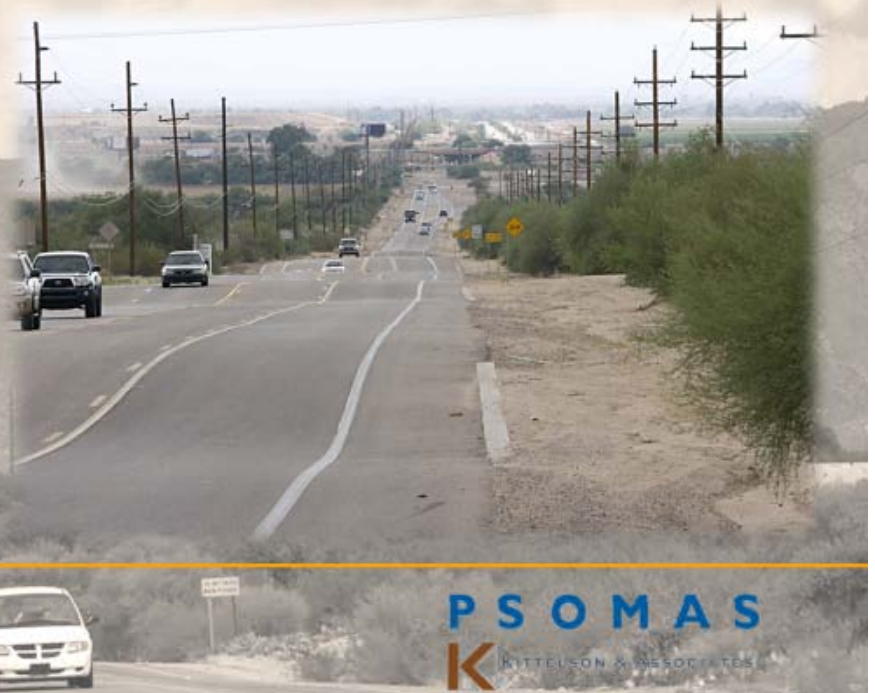
*Photo from AZ Daily Star
July 5, 2012*





PROJECT DESCRIPTION

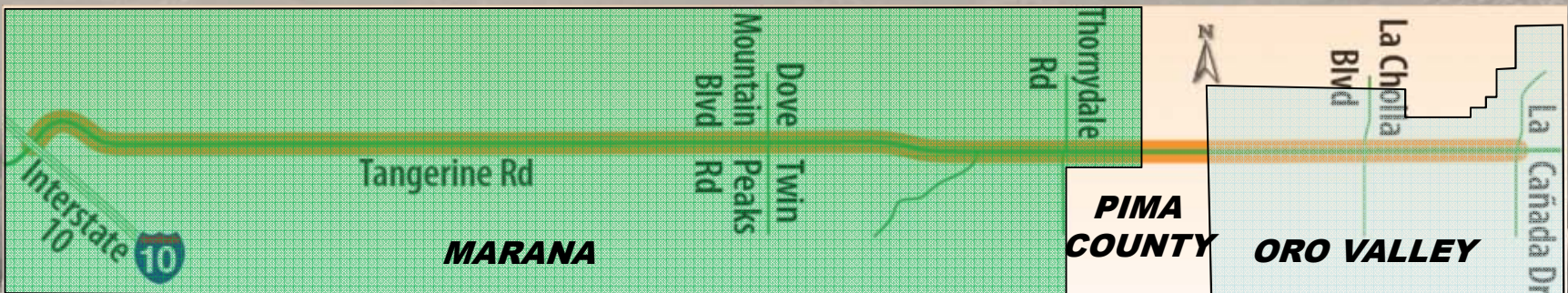
- **Goal:** Improved multi-modal mobility and safety
- Widening to 4 lanes from I-10 to La Cañada (10 mi)
 - Landscaped median
 - Multi-use lanes, sidewalks
 - Drainage improvements (eliminate dips)
 - Intersection Improvements
 - Dove Mountain Blvd
 - Camino de Mañana
 - Thornydale Road
 - La Cholla Blvd





PROJECT DESCRIPTION

- 10 Miles - Traverses Marana, Oro Valley, and Pima County
- \$74.2M budget – RTA Funding allocated for 2011-2026
 - \$45.3M RTA
 - \$21.4 M Marana
 - \$6.5M Pima County
 - \$1M Oro Valley
- Significant Drainage, Right-of-Way, Utility Coordination, and Environmental Challenges





PROJECT UPDATE

Work to date

- Data Gathering of Existing Conditions
- Public Meetings
 - April 2011
 - March 2012
 - February 2013
- Access Management Workshop
- Technical Studies (Traffic, Drainage, Environmental, etc)
- Draft Design Concept – March 2012
- Final Design Concept – Completed February 2013





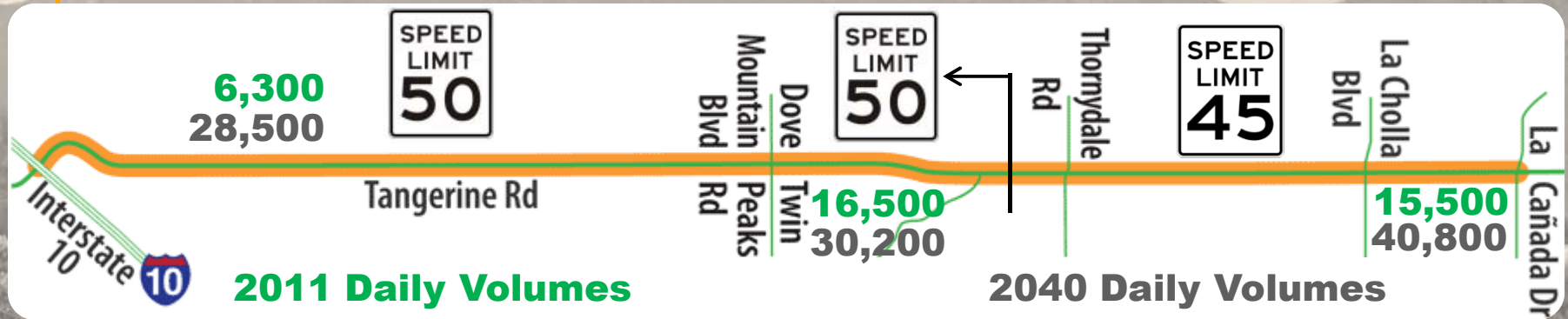
PROJECT UPDATE

Traffic Study

- 4 lanes sufficient for 2040 traffic volumes
- Recommended speed limits

Access Management Study

- Workshop with business owners, residents along Tangerine
- Identified spacing requirements for driveways, median openings, signals

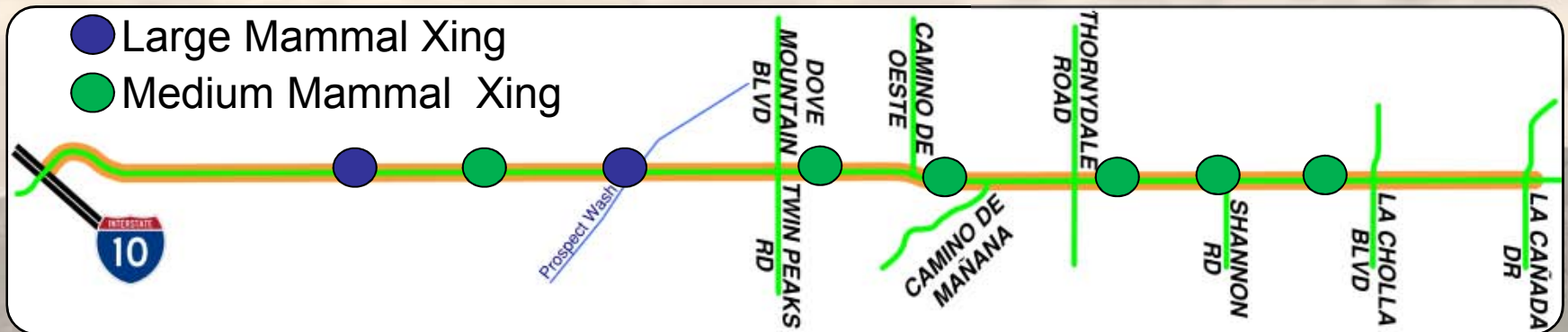




PROJECT UPDATE

Drainage and Wildlife Studies

- More than 50 drainage crossings
- 2 bridges at washes – also accommodate wildlife (mule deer)
- 6 other drainage crossings upsized to serve medium mammals



Noise

- Measured noise at sensitive locations
- Will use rubberized asphalt to reduce noise





PROJECT UPDATE

Road Alignment - I-10 to Camino de Mañana (6.5 Mi)

- Desert Parkway design – Uncurbed, limited access
- 50 mph speed limit
- Native Vegetation, water harvesting
- Relocation of power lines west of Dove Mountain
- 85 Acres of right-of-way needed (mostly from State)
- No home acquisitions





PROJECT UPDATE

Road Alignment - Cmo de Mañana to La Cañada Dr (3.5 Mi)

- Arterial design - Curbed median (similar to section east of La Cañada)
- 45 mph speed limit
- 45 Acres of right-of-way needed
- No home acquisitions





PROJECT UPDATE

RTA Value Analysis Session (March 19-23, 2012)

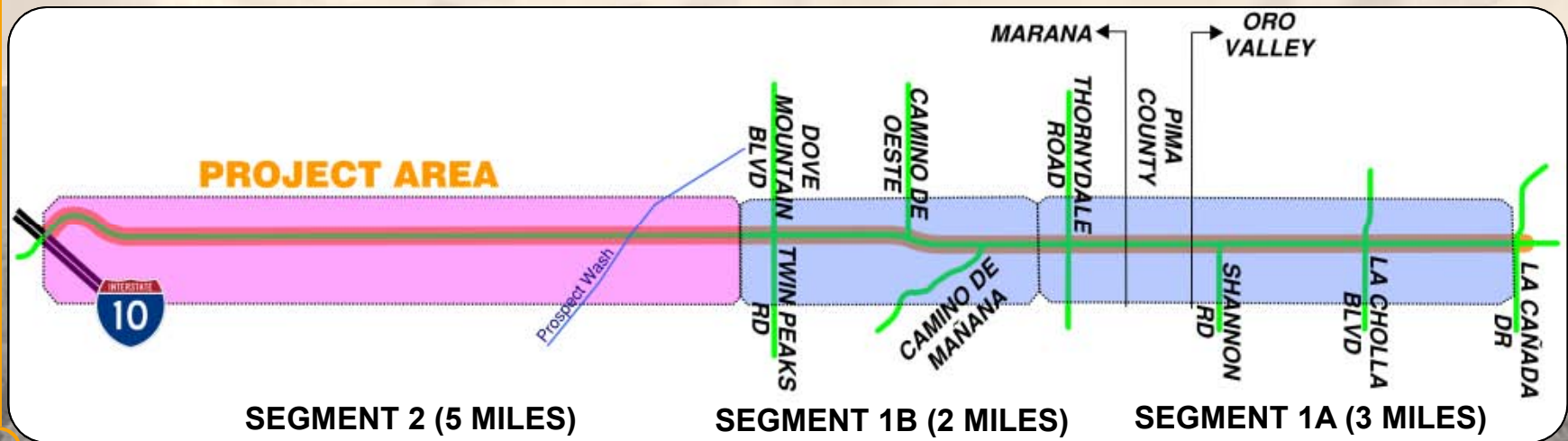
- Goal: Identify areas of potential cost savings early on
- Key Recommendations:
 - Reduce Initial Right-of-Way Acquisition
 - Advance acquisition of all State Land Right-of-Way
 - Shift the roadway alignment to the north from Thornydale Rd to La Cañada Dr (reduce utility costs, noise impacts)
 - Shared-use path on one side of the road only – serve existing activity centers
 - Build from La Cañada Drive to Dove Mountain Blvd in a single construction phase





PRELIMINARY IMPLEMENTATION PLAN

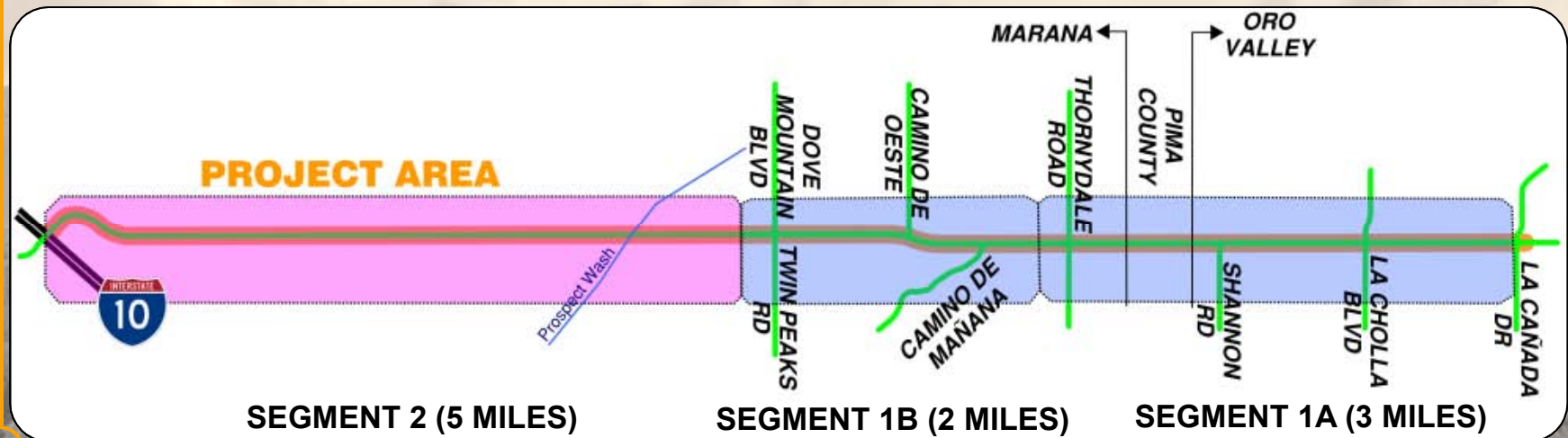
- Split construction into 2 segments to match funding
- Prioritize segments based on:
 - Existing and future traffic
 - Utility conflicts
 - Permitting issues
 - Right-of-Way acquisition timelines
 - Coordination with adjacent projects





PRELIMINARY IMPLEMENTATION PLAN

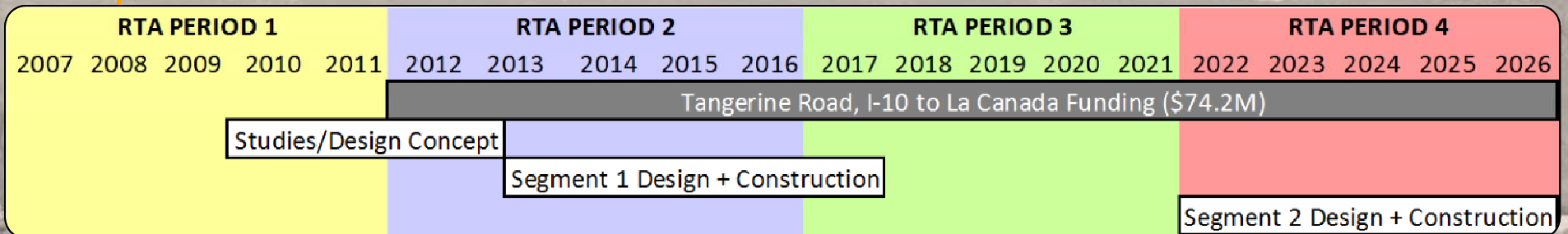
- Segment 1A – Includes Thornydale and La Cholla Intersection Improvements
- Segment 1B – Includes realignment of Camino de Mañana, Dove Mountain Intersection
- Segment 2 – Power line relocations, bridges, acquisitions from State Land





PRELIMINARY PROJECT SCHEDULE

- Segments 1A,1B (La Cañada Dr to Dove Mountain Blvd)
 - 2013 (Summer) → Begin Final Design
 - 2015-2016 → Begin Construction
 - Construction year for 1B (Thornydale to Dove Mountain) could vary contingent on funding, bid prices
- Segment 2 (Dove Mountain Blvd to I-10)
 - 2022-2026 – Design and Construction





PUBLIC PARTICIPATION

- Additional public meetings during final design
- Sign up for updates and provide comments at: www.tangerineroad.info
- Website to remain active/monitored during final design





PUBLIC PARTICIPATION

Thank you for coming!

Please visit the exhibits and provide input

www.tangerineroad.info

